

# Antenna Distribution Amp

## Components

I published a construction article in the June 2025 edition of Practical Wireless Magazine.

Electronic viewing of the magazine, as part of a subscription, is here: <https://pocketmags.com/eu/practical-wireless-magazine>

Here is some guidance on the components I used. I have lots of components left over from projects but as they mostly come from Radionics or Mouser I can identify the part number used by RS or Mouser to give you guidance. Beware that I do make mistakes so please check everything to your own satisfaction before buying or making anything. Prices mentioned are as at March 2025.

### **BNC Connectors**

The BNC coax connectors are good quality Molex connectors, made to be mounted to a PCB, fitted to a panel and are specified up to 2 GHz.

I get these from Mouser under part number 73138-5033, and cost €3.83 if you buy more than 10 at a time.

### **Gas Discharge tube**

Model SL1411A075A – I get these from Mouser under Mouser number 576-SL1411A075A – cost €1.96 if you buy 5.

### **Switch**

Front panel switch is made by ZF and is model number LRA22H2BBGEN. Comes from Radionics under RS stock number 706-4329

### **Resettable fuse (0.25A)**

Made by Bourns as part number MF-R025 from Radionics under 647-8443P

## **Transformer**

Made by Myrra as part number 44699 from Farnell under order code 1689069.

## **RF Amplifier (GALI-52+)**

Made by Mini-circuits and comes from Mouser under part number 139-GALI-52.

## **Filter coils and tuning tool**

Coils are made by Coilcraft under part number 142-08J08SL and comes from Mouser under Mouser no: 994-142-08J08SL.

The tuning tool is Coilcraft model 37-1409 and comes from Mouser under Mouser No: 994-37-1409

## **Enclosure**

I use an enclosure made by Hammond Manufacturing with part number 1455T1201 and acknowledge that these are expensive at €33 each from Mouser (546-1455T1201). But I am after a professional looking product.

I have no personal connection with or financial interests in Mouser, Farnell or Radionics.

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